Ehmann, K. F. — (see Liu, X.) **126,** 666–678
Ely, K. — (see Farson, D. F.) **126,** 391–394(TB)
Endres, William J. — (see Corpus, William T.) **126,** 467–474
_____ (see Corpus, William T.) **126,** 475–480
_____ (see Kountanya, Raja K.) **126,** 496–505
Erickson, Mark, and Costello, Mark — Production Line Calibration for Sensors on Actively Controlled Bullets. **126,** 368–376
Ertürk, Hakan, Ezekoye, Ofodike A., and Howell, John R. — Boundary Condition Design to Heat a Moving Object at Uniform Transient Temperature Using Inverse Formulation. **126,** 619–626
Ezekoye, Ofodike A. — (see Ertürk, Hakan) **126,** 619–626

Fang, Ning — A Quantitative Sensitivity Analysis of Cutting Performances in Orthogonal Machining with Restricted Contact and Flat-Faced Tools. **126,** 408–411(TB)
Fang, Weiya — (see Kadekar, Vinay) **126,** 787–795
Farson, D. F., Chen, J. Z., Ely, K., and Frech, T. — Monitoring Resistance Spot Nugget Size by Electrode Displacement. **126,** 391–394(TB)
Fraser, S., Attia, M. H., and Osman, M. O. M. — Control-Oriented Modeling of Thermal Deformation of Machine Tools Based on Inverse Solution of Time-Variant Thermal Loads with Delayed Response. **126,** 286–296
Frech, T. — (see Farson, D. F.) **126,** 391–394(TB)
Freiheit, Theodor, Shpitalni, Moshe, and Hu, S. Jack — Productivity of Paced Parallel-Serial Manufacturing Lines With and Without Crossover. **126,** 361–367
Furusawa, Toshiaki, Hino, Hiroshi, Tsuji, Sinji, Koroyasu, Sadatoshi, and Ichikawa, Atsushi — Generation of Defects Due to Machining of TiAl Intermetallic Compound and Their Effects on Mechanical Strength. **126,** 506–514

Gambino, R. J. — (see Chen, Q.) **126,** 830–836
Gardiner, D. — (see Ghosh, S.) **126,** 74–82
Ge, Jingguo — (see Rao, Delin) **126,** 388–391(TB)
Gerber, A. G. — (see Kishawy, H. A.) **126,** 404–407(TB)
Ghosh, S., Li, M., and Gardiner, D. — A Computational and Experimental Study of Cold Rolling of Aluminum Alloys With Edge Cracking. **126,** 74–82
Gifford, Robert B., Bandar, Alexander R., Coulter, John P., and Misiolek, Wojciech Z. — The Analysis and Control of Micro-Hardness Distribution During Wire Drawing. **126,** 247–254
Gift, Frank C., Jr. , and Misiolek, Wojciech Z. — Fluid Performance Study for Groove Grinding a Nickel-Based Superalloy Using Electroplated Cubic Boron Nitride (CBN) Grinding Wheels. **126,** 451–458
Gilsinn, David E., and Ling, Alice V. — Comparative Statistical Analysis of Test Parts Manufactured in Production Environments. **126,** 189–199
Goldak, J. A. — (see Nouri-Borujerdi, A.) **126,** 577–581
Gordon, W. A., Van Tyne, C. J., and Sriram, S. — Extrusion Through Spherical Dies—An Upper Bound Analysis [ASME Journal of Manufacturing Science and Engineering, **124**, pp. 92–97]. **126,** 412(E)
Greeley, M. H., DeVor, R. E., Kapoor, S. G., and Rajagopalan, N. — The Influence of Fluid Management Policy and Operational Changes on Metalworking Fluid Functionality. **126,** 445–450
Güçeri, Selçuk — (see Bellini, Anna) **126,** 237–246
Gunter, K. L. — (see Sun, J.) **126,** 426–434
_____ (see Yue, Y.) **126,** 417–425
Gupta, Abhishek — (see Ding, Yu) **126,** 200–210
Gupta, Deepak — (see Nnaji, Bart O.) **126,** 52–63

Haugh, Mike — (see Chinn, Douglas) **126,** 813–821
Hecker, Rogelio L. — (see Liang, Steven Y.) **126,** 297–310
Hino, Hiroshi — (see Furusawa, Toshiaki) **126,** 506–514
Hodgson, Peter — (see Scott-Murphy, Adrian) **126,** 582–590
Hong, Siu-Ping — (see Wei, Zhiyong) **126,** 377–387
_____ (see Wei, Zhiyong) **126,** 750–759
Hoppe, Stefan — (see Müller, Bernhard) **126,** 488–495
Howell, John R. — (see Ertürk, Hakan) **126,** 619–626
Hu, S. Jack — (see Camelio, Jaime A.) **126,** 91–97
_____ (see Camelio, Jaime A.) **126,** 355–360
_____ (see Freiheit, Theodor) **126,** 361–367
Huang, Bo-Wun — The Drilling Vibration Behavior of a Twisted Microdrill. **126,** 719–726
Huang, Qiang, and Shi, Jianjun — Stream of Variation Modeling and Analysis of Serial-Parallel Multistage Manufacturing Systems. **126,** 611–618
Huang, Yong, and Liang, Steven Y. — Modeling of CBN Tool Flank Wear Progression in Finish Hard Turning. **126,** 98–106

Ichikawa, Atsushi — (see Furusawa, Toshiaki) **126,** 506–514
Im, Yong-Taek — (see Song, Jong-Ho) **126,** 255–263
Inasaki, Ichiro — (see Marinescu, Ioan) **126,** 859(BR)
Incropera, Frank P. — (see Pfefferkorn, Frank E.) **126,** 42–51
Insperger, T., and Stépán, G. — Vibration Frequencies in High-Speed Milling Processes or a Positive Answer to Davies, Pratt, Dutterer and Burns. **126,** 481–487

Jan, Tzu Chi — (see Su, Jiann-Cherng) **126,** 779–786
Ji, C. T., and Zhou, Y. — Dynamic Electrode Force and Displacement in Resistance Spot Welding of Aluminum. **126,** 605–610
Jiang, Wenping — (see Nair, Rajeev) **126,** 637–639(TB)
Jin, Jionghua — Individual Station Monitoring Using Press Tonnage Sensors for Multiple Operation Stamping Processes. **126,** 83–90
Joshi, Suhas S., and Melkote, Shreyes N. — An Explanation for the Size-Effect in Machining Using Strain Gradient Plasticity. **126,** 679–684
Ju, C. — (see Sun, J.) **126,** 426–434

Kadekar, Vinay, Fang, Weiya, and Liou, Frank — Deposition Technologies For Micromanufacturing: A Review. **126,** 787–795
Kalyanasundaram, S. — (see Scott-Murphy, Adrian) **126,** 582–590
Kang, Hyun-Wook, Lee, In Hwan, and Cho, Dong-Woo — Development of an Assembly-free Process Based on Virtual Environment for Fabricating 3D Microfluidic Systems Using Microstereolithography Technology. **126,** 766–771
Kannatey-Asibu, Elijah, Jr. — (see Lu, Ming-Chyuan) **126,** 131–140
Kapoor, S. G. — (see Greeley, M. H.) **126,** 445–450
_____ (see Liu, X.) **126,** 666–678
_____ (see Park, Sunghyuk) **126,** 706–709
Kapoor, Shiv G. — (see Sahu, Sushanta K.) **126,** 555–564
_____ (see Vogler, Michael P.) **126,** 685–694
_____ (see Vogler, Michael P.) **126,** 695–705
Kawasegi, Noritaka — (see Park, Jeong Woo) **126,** 801–806
Kershmann, Russell — (see Chinn, Douglas) **126,** 813–821
Kim, Byung — (see Yao, Donggang) **126,** 733–739
Kim, Byungki, Schmittdiel, Michael C., Degertekin, F. Levent, and Kurfess, Thomas R. — Scanning Grating Microinterferometer for MEMS Metrology. **126,** 807–812
Kim, Chang-Ju, Mayor, J. Rhett, and Ni, Jun — A Static Model of Chip Formation in Microscale Milling. **126,** 710–718
Kim, Kyoung-Yun — (see Nnaji, Bart O.) **126,** 52–63
Kim, Wook-Bae, Lee, Seung-Hwan, and Min, Byung-Kwon — Surface Finishing and Evaluation of Three-Dimensional Silicon Microchannel Using Magnetorheological Fluid. **126,** 772–778
Kishawy, H. A., and Gerber, A. G. — Characteristics of Heat Transfer During Machining With Rotary Tools. **126,** 404–407(TB)

Klocke, Fritz — (see Müller, Bernhard) **126,** 488–495
Koroyasu, Sadatoshi — (see Furusawa, Toshiaki) **126,** 506–514
Kountanya, Raja K., and Endres, William J. — Flank Wear of Edge-Radiused Cutting Tools Under Ideal Straight-Edged Orthogonal Conditions. **126,** 496–505
Krishnan, Neil — (see Cao, Jian) **126,** 642–652
Kumar, Ashok V., and Dutta, Anirban — Electrophotographic Layered Manufacturing. **126,** 571–576
Kurfess, Thomas — (see Chinn, Douglas) **126,** 813–821
Kurfess, Thomas R. — (see Kim, Byungki) **126,** 807–812
Kusiak, Andrew — (see Agard, Bruno) **126,** 627–631(TB)
Kysar, Jeffrey W. — (see Chen, Hongqiang) **126,** 226–236
_____ (see Chen, Hongqiang) **126,** 740–749

Lamikiz, A. — (see López de Lacalle, L. N.) **126,** 274–285
Landers, Robert G. — (see Liang, Steven Y.) **126,** 297–310
Lawrence Yao, Y. — (see Chen, Hongqiang) **126,** 740–749
Lee, Deug Woo — (see Park, Jeong Woo) **126,** 801–806
Lee, In Hwan — (see Kang, Hyun-Wook) **126,** 766–771
Lee, Kok-Meng — (see Wei, Zhiyong) **126,** 377–387
_____ (see Wei, Zhiyong) **126,** 750–759
Lee, Seung-Hwan — (see Kim, Wook-Bae) **126,** 772–778
Lee, Y. M., and Wickert, J. A. — Contribution of Support Means to Stresses Developed in Sheet Metal Coils. **126,** 591–598
Lewis, Mark A. — (see Shih, Albert J.) **126,** 115–123
_____ (see Shih, Albert J.) **126,** 124–130
Li, Hongqi, and Shin, Yung C. — Integrated Dynamic Thermo-Mechanical Modeling of High Speed Spindles, Part 1: Model Development. **126,** 148–158
_____, **and Shin, Yung C.** — Integrated Dynamic Thermo-Mechanical Modeling of High Speed Spindles, Part 2: Solution Procedure and Validations. **126,** 159–168
Li, Lin — (see Pinkerton, Andrew J.) **126,** 33–41
Li, M. — (see Ghosh, S.) **126,** 74–82
Liang, Steven Y., Hecker, Rogelio L., and Landers, Robert G. — Machining Process Monitoring and Control: The State-of-the-Art. **126,** 297–310
_____ (see Huang, Yong) **126,** 98–106
_____ (see Su, Jiann-Cherng) **126,** 779–786
Lin, Zone-Ching, and Chang, Dar-Yuan — A New Tool Wear Examination Model by Least Square Method for Shearing Process of Thin Metal Sheet. **126,** 395–404(TB)
Ling, Alice V. — (see Gilsinn, David E.) **126,** 189–199
Liou, Frank — (see Kadekar, Vinay) **126,** 787–795
Liu, C. Richard — (see Shi, Jing) **126,** 264–273
_____ (see Shi, Jing) **126,** 849–857(TB)
Liu, Chao, Yao, Y. Lawrence, and Srinivasan, Vijay — Optimal Process Planning for Laser Forming of Doubly Curved Shapes. **126,** 1–9
Liu, Li, and Wang, Jyhwen — Modeling Springback of Metal-Polymer-Metal Laminates. **126,** 599–604
Liu, Wang Lin — (see Su, Jiann-Cherng) **126,** 779–786
Liu, Wing K. — (see Cao, Jian) **126,** 642–652
Liu, X., DeVor, R. E., Kapoor, S. G., and Ehmann, K. F. — The Mechanics of Machining at the Microscale: Assessment of the Current State of the Science. **126,** 666–678
Longtin, J. P. — (see Chen, Q.) **126,** 830–836
López de Lacalle, L. N., Sánchez, J. A., Lamikiz, A., and Celaya, A. — Plasma Assisted Milling of Heat-Resistant Superalloys. **126,** 274–285
Lu, Hongsheng — (see Cao, Jian) **126,** 642–652
Lu, Ming-Chyuan, and Kannatey-Asibu, Elijah, Jr. — Flank Wear and Process Characteristic Effect on System Dynamics in Turning. **126,** 131–140
Luo, Jie — (see Shih, Albert J.) **126,** 124–130

Malkin, S. — (see Upadhyaya, R. P.) **126,** 107–114
Malkin, Stephen — (see Dong, Shaoqiang) **126,** 327–333
_____ (see Dong, Shaoqiang) **126,** 334–340
Malluck, John A., and Melkote, Shreyes N. — Modeling of Deformation of Ring Shaped Workpieces Due to Chucking and Cutting Forces. **126,** 141–147
Marin, Samuel P. — (see Camelio, Jaime A.) **126,** 355–360
Marinescu, Ioan, Rowe, Brian, Dimitrov, Boris, and Inasaki, Ichiro — Tribology of Abrasive Machining Processes. **126,** 859(BR)
Marsh, Eric R. — (see Vallance, R. Ryan) **126,** 822–829
Mayor, J. Rhett — (see Kim, Chang-Ju) **126,** 710–718
Melkote, Shreyes N. — (see Joshi, Suhas S.) **126,** 679–684
_____ (see Malluck, John A.) **126,** 141–147
Merdol, S. D., and Altintas, Y. — Mechanics and Dynamics of Serrated Cylindrical and Tapered End Mills. **126,** 317–326
_____, **and Altintas, Y.** — Multi Frequency Solution of Chatter Stability for Low Immersion Milling. **126,** 459–466
Michalek, D. J. — (see Sun, J.) **126,** 426–434
_____ (see Yue, Y.) **126,** 417–425
Min, Byung-Kwon — (see Kim, Wook-Bae) **126,** 772–778
Mishima, Nozomu — (see Okazaki, Yuichi) **126,** 837–844(TB)
Misiolek, Wojciech Z. — (see Gifford, Robert B.) **126,** 247–254
_____ (see Gift, Frank C., Jr.) **126,** 451–458
Molian, Pal — (see Nair, Rajeev) **126,** 637–639(TB)
Mori, Toshihiko — Development of Ultrafine Piercing By SiC Fiber Punch. **126,** 659–665
Morita, Noboru — (see Park, Jeong Woo) **126,** 801–806
Müller, Bernhard, Renz, Ulrich, Hoppe, Stefan, and Klocke, Fritz — Radiation Thermometry at a High-Speed Turning Process. **126,** 488–495

Nair, Rajeev, Jiang, Wenping, and Molian, Pal — Nanoparticle Additive Manufacturing of Ni-H13 Steel Injection Molds. **126,** 637–639(TB)
Ni, Jun — (see Djurdjanovic, Dragan) **126,** 178–188
_____ (see Dohda, Kuniaki) **126,** 641(ED)
_____ (see Kim, Chang-Ju) **126,** 710–718
Nnaji, Bart O., Gupta, Deepak, and Kim, Kyoung-Yun — Welding Distortion Minimization for an Aluminum Alloy Extruded Beam Structure Using a 2D Model. **126,** 52–63
Nouri-Borujerdi, A., and Goldak, J. A. — Modeling of Air Venting in Pressure Die Casting Process. **126,** 577–581
Noyan, I. C. — (see Zhang, Wenwu) **126,** 10–17
_____ (see Zhang, Wenwu) **126,** 18–24

Okazaki, Yuichi, Mishima, Nozomu, and Ashida, Kiwamu — Microfactory—Concept, History, and Developments. **126,** 837–844(TB)
Olson, Lorraine, Throne, Robert, and Rost, Eric — Improved Inverse Solutions for On-Line Machine Tool Monitoring. **126,** 311–316
Osman, M. O. M. — (see Fraser, S.) **126,** 286–296
Ostendorp, Peter — (see Chinn, Douglas) **126,** 813–821
Oulee, T. H., Yang, Daniel C. H., and Chuang, J. J. — Boundary Conformed Toolpath Generation via Laplace Based Parametric Redistribution Method. **126,** 345–354

Palanna, Rajkumar — (see Bukkapatnam, Satish T. S.) **126,** 341–344
Park, Jeong Woo, Kawasegi, Noritaka, Morita, Noboru, and Lee, Deug Woo — Mechanical Approach to Nanomachining of Silicon Using Oxide Characteristics Based on Tribo Nanolithography (TNL) in KOH Solution. **126,** 801–806
Park, Sunghyuk, Kapoor, S. G., and DeVor, R. E. — Mechanistic Cutting Process Calibration via Microstructure-Level Finite Element Simulation Model. **126,** 706–709
Paul, Brian K. — (see Wattanutchariya, Wassanai) **126,** 845–848(TB)

Pfefferkorn, Frank E., Shin, Yung C., Tian, Yinggang, and Incropera, Frank P. — Laser-Assisted Machining of Magnesia-Partially-Stabilized Zirconia. **126,** 42–51
Pinkerton, Andrew J., and Li, Lin — Modelling Powder Concentration Distribution From a Coaxial Deposition Nozzle for Laser-Based Rapid Tooling. **126,** 33–41
Prakasvudhisarn, Chakguy, and Raman, Shivakumar — Framework for Cone Feature Measurement Using Coordinate Measuring Machines. **126,** 169–177

Rajagopalan, N. — (see Greeley, M. H.) **126,** 445–450
Rajurkar, K. P. — (see Yu, Z. Y.) **126,** 727–732
Raman, Shivakumar — (see Prakasvudhisarn, Chakguy) **126,** 169–177
Rao, Delin, Ge, Jingguo, and Chen, Ligong — Vibratory Stress Relief in Manufacturing the Rails of a Maglev System. **126,** 388–391(TB)
Renz, Ulrich — (see Müller, Bernhard) **126,** 488–495
Rost, Eric — (see Olson, Lorraine) **126,** 311–316
Rowe, Brian — (see Marinescu, Ioan) **126,** 859(BR)

Sahu, Sushanta K., DeVor, Richard E., and Kapoor, Shiv G. — Modeling of Forces for Drills With Chip-Breaking Grooves. **126,** 555–564
Sampath, S. — (see Chen, Q.) **126,** 830–836
Sánchez, J. A. — (see López de Lacalle, L. N.) **126,** 274–285
Sasada, Masahiro — (see Aoki, Isamu) **126,** 653–658
Sasaki, Katsuhiko — (see Takahashi, Tsuyoshi) **126,** 25–32
Schmittdiel, Michael C. — (see Kim, Byungki) **126,** 807–812
Scott-Murphy, Adrian, Kalyanasundaram, S., Cardew-Hall, M., and Hodgson, Peter — A Hybrid Draw Die Optimization Technique for Sheet Metal Forming. **126,** 582–590
Shi, Jianjun — (see Huang, Qiang) **126,** 611–618
Shi, Jing, and Liu, C. Richard — Decomposition of Thermal and Mechanical Effects on Microstructure and Hardness of Hard Turned Surfaces. **126,** 264–273
_____, **and Liu, C. Richard** — The Influence of Material Models on Finite Element Simulation of Machining. **126,** 849–857(TB)
Shih, Albert J., Lewis, Mark A., and Strenkowski, John S. — End Milling of Elastomers—Fixture Design and Tool Effectiveness for Material Removal. **126,** 115–123
_____, **Luo, Jie, Lewis, Mark A., and Strenkowski, John S.** — Chip Morphology and Forces in End Milling of Elastomers. **126,** 124–130
Shin, Yung C. — (see Li, Hongqi) **126,** 148–158
_____ (see Li, Hongqi) **126,** 159–168
_____ (see Pfefferkorn, Frank E.) **126,** 42–51
Shook, Jeremy T., and Walczyk, Daniel F. — Structural Modeling of Profiled Edge Laminate (PEL) Tools Using the Finite Element Method. **126,** 64–73
Shpitalni, Moshe — (see Freiheit, Theodor) **126,** 361–367
Skerlos, Steven J. — (see Zhao, Fu) **126,** 435–444
Smith, Philip T. — (see Vallance, R. Ryan) **126,** 822–829
Song, Jong-Ho, and Im, Yong-Taek — Determination of a Major Design Parameter for Forward Extrusion of Spur Gears. **126,** 255–263
Srinivasan, Vijay — (see Liu, Chao) **126,** 1–9
Sriram, S. — (see Gordon, W. A.) **126,** 412(E)
Stépán, G. — (see Insperger, T.) **126,** 481–487
Strenkowski, John S. — (see Shih, Albert J.) **126,** 115–123
_____ (see Shih, Albert J.) **126,** 124–130
Su, Jiann-Cherng, Liang, Steven Y., Liu, Wang Lin, and Jan, Tzu Chi — Ceramic Micro/Nanoparticle Size Evolution in Wet Grinding in Stirred Ball Mill. **126,** 779–786
Sugimura, Yoshio — (see Takahashi, Tsuyoshi) **126,** 25–32
Sun, J., Ju, C., Yue, Y., Gunter, K. L., Michalek, D. J., and Sutherland, J. W. — Character and Behavior of Mist Generated by Application of Cutting Fluid to a Rotating Cylindrical Workpiece, Part 2: Experimental Validation. **126,** 426–434
_____ (see Yue, Y.) **126,** 417–425
Sundaram, R., and Choi, J. — A Slicing Procedure for 5-Axis LaserAided DMD Process. **126,** 632–636(TB)
Sutherland, J. W. — (see Sun, J.) **126,** 426–434
_____ (see Yue, Y.) **126,** 417–425
Swanson, Anthony — (see Cao, Jian) **126,** 642–652

Takahashi, Tsuyoshi, Sugimura, Yoshio, and Sasaki, Katsuhiko — Thermal Plastic-Elastic Analysis in Consideration of Metallurgical Microstructure. **126,** 25–32
Tandon, A. — (see Yu, Z. Y.) **126,** 727–732
Tankiewicz, S. — (see Chen, Q.) **126,** 830–836
Thangam, Siva — (see Zhu, Zhenqi) **126,** 565–570
Throne, Robert — (see Olson, Lorraine) **126,** 311–316
Tian, Yinggang — (see Pfefferkorn, Frank E.) **126,** 42–51
Tong, T. — (see Chen, Q.) **126,** 830–836
Tsuji, Sinji — (see Furusawa, Toshiaki) **126,** 506–514
Tucker, Thomas — (see Chinn, Douglas) **126,** 813–821

Upadhyaya, R. P., and Malkin, S. — Thermal Aspects of Grinding With Electroplated CBN Wheels. **126,** 107–114
Urbance, Marcy — (see Zhao, Fu) **126,** 435–444

Vallance, R. Ryan, Marsh, Eric R., and Smith, Philip T. — Effects of Spherical Targets on Capacitive Displacement Measurements. **126,** 822–829
Van Tyne, C. J. — (see Gordon, W. A.) **126,** 412(E)
Vickers, Geoffrey W. — (see Chen, Zezhong C.) **126,** 515–523
Vogler, Michael P., DeVor, Richard E., and Kapoor, Shiv G. — On the Modeling and Analysis of Machining Performance in Micro-Endmilling, Part I: Surface Generation. **126,** 685–694
_____, **Kapoor, Shiv G., and DeVor, Richard E.** — On the Modeling and Analysis of Machining Performance in Micro-Endmilling, Part II: Cutting Force Prediction. **126,** 695–705

Walczyk, Daniel F. — (see Shook, Jeremy T.) **126,** 64–73
Wang, Jyhwen — (see Liu, Li) **126,** 599–604
Wang, Michael Y. — (see Zhu, Xiangyang) **126,** 535–541
Wang, Xiaohua — (see Zhu, Zhenqi) **126,** 565–570
Wang, Youneng — (see Chen, Hongqiang) **126,** 740–749
Wang, Zhong — (see Cao, Jian) **126,** 642–652
Wattanutchariya, Wassanai, and Paul, Brian K. — Effect of Fixture Compliance on Thermally Enhanced Edge Registration in Microlamination. **126,** 845–848(TB)
Wei, Zhiyong, Lee, Kok-Meng, Zhou, Zhi, and Hong, Siu-Ping — Modeling of Advanced Melting Zone for Manufacturing of Optical Fibers. **126,** 377–387
_____, **Lee, Kok-Meng, Zhou, Zhi, and Hong, Siu-Ping** — Modeling of Advanced Melting Zone for Manufacturing of Optical Fibers. **126,** 750–759
Wickert, J. A. — (see Lee, Y. M.) **126,** 591–598

Xiong, YouLun — (see Zhu, LiMin) **126,** 542–554
Xiong, ZhenHua — (see Zhu, LiMin) **126,** 542–554

Yang, Daniel C. H. — (see Oulee, T. H.) **126,** 345–354
Yao, Donggang, and Kim, Byung — Scaling Issues in Miniaturization of Injection Molded Parts. **126,** 733–739
Yao, Y. Lawrence — (see Chen, Hongqiang) **126,** 226–236

_____ (see Cheng, Jin) **126,** 217–225
_____ (see Liu, Chao) **126,** 1–9
_____ (see Zhang, Wenwu) **126,** 10–17
_____ (see Zhang, Wenwu) **126,** 18–24
Yoshino, Masahiko, and Aravindan, Sivanandam — Nanosurface Fabrication of Hard Brittle Materials by Structured Tool Imprinting. **126,** 760–765
Yu, Z. Y., Rajurkar, K. P., and Tandon, A. — Study of 3D Micro-Ultrasonic Machining. **126,** 727–732
Yue, Y., Sun, J., Gunter, K. L., Michalek, D. J., and Sutherland, J. W. — Character and Behavior of Mist Generated by Application of Cutting Fluid to a Rotating Cylindrical Workpiece, Part 1: Model Development. **126,** 417–425
_____ (see Sun, J.) **126,** 426–434

Zhang, Wenwu, Yao, Y. Lawrence, and Noyan, I. C. — Microscale Laser Shock Peening of Thin Films, Part 1: Experiment, Modeling and Simulation. **126,** 10–17
_____, **Yao, Y. Lawrence, and Noyan, I. C.** — Microscale Laser Shock Peening of Thin Films, Part 2: High Spatial Resolution Material Characterization. **126,** 18–24
Zhang, Yuwen — A Simulation-based Correlation of Cross-Sectional Area of the Thin Film Produced by Laser Chemical Vapor Deposition With a Moving Laser Beam. **126,** 796–800
Zhao, Fu, Urbance, Marcy, and Skerlos, Steven J. — Mechanistic Model of Coaxial Microfiltration for Semi-Synthetic Metalworking Fluid Microemulsions. **126,** 435–444
Zhou, Y. — (see Ji, C. T.) **126,** 605–610
Zhou, Zhi — (see Wei, Zhiyong) **126,** 377–387
_____ (see Wei, Zhiyong) **126,** 750–759
Zhu, LiMin, Xiong, ZhenHua, Ding, Han, and Xiong, YouLun — A Distance Function Based Approach for Localization and Profile Error Evaluation of Complex Surface. **126,** 542–554
Zhu, Xiangyang, Ding, Han, and Wang, Michael Y. — Form Error Evaluation: An Iterative Reweighted Least Squares Algorithm. **126,** 535–541
Zhu, Zhenqi, Wang, Xiaohua, and Thangam, Siva — Simulation and Analysis of Rigid/Foil Electrolytic In-Process Dressing (ELID) Systems for Grinding. **126,** 565–570